

IN THE CLAIMS

The following claim set replaces all prior versions, and listings, of claims in the application:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Previously Amended) A carpet tile comprising:

a primary backing having carpet fiber bundles tufted therethrough, the fibers bundles providing a tufted face;

a precoat locking the tufts in place to prevent easy extraction of individual fibers and providing a relatively smooth back face opposite the tufted face;

a reinforcing scrim adjacent the relatively smooth back face and held in place at least in part by said precoat; and

a preformed open mesh fiber reinforced foam layer with foam nodules held in substantially intimate contact with the relatively smooth back face forming a carpet tile substantially void of curling or doming.

14. (Previously Amended) A carpet tile as recited in claim 13 wherein said preformed open mesh fiber reinforced foam layer with foam nodules is held in substantially intimate contact with the relatively smooth back face by a fused adhesive.

15. (Original) A carpet tile as recited in claim 14 wherein said fused adhesive comprises a formulation comprising:

| | |
|---------------|--------------|
| PVC Copolymer | 100 parts |
| Plasticizer | 50-100 parts |
| Filler | 0-200 parts |

a sufficient amount of silicone surfactant to provide a formulation density below 50 pounds per cubic foot, and

a sufficient amount of fumed silica to provide a formulation pre-fusing Brookfield viscosity of about 30,000 – 60,000 centipoise at a spindle speed of 2 rpm.

16. (Previously Amended) A carpet tile as recited in claim 13 wherein said preformed open mesh fiber reinforced foam layer with foam nodules is held in substantially intimate contact with the relatively smooth back face by a formulation of said back face comprising:

| | |
|-----------------------------------|--------------|
| PVC resin with a K value of 62-75 | 100 parts |
| Plasticizer | 60-100 parts |
| Filler | 0-250 parts, |

and substantially devoid of blowing agent.

17. (Currently Amended) A carpet roll comprising:
a primary backing having carpet fiber bundles tufted therethrough, the fibers bundles providing a tufted face;
a precoat locking the tufts in place to prevent easy extraction of individual fibers and providing a relatively smooth back face opposite the tufted face; and
a preformed open mesh fiber reinforced foam layer with foam nodules held in substantially intimate contact with the relatively smooth back face forming a carpet roll substantially void of curling.

18. (Currently Amended) A carpet roll as recited in claim 17 wherein said preformed open mesh fiber reinforced foam layer with foam nodules is held in substantially intimate contact with the relatively smooth back face by a fused adhesive.

19. (Currently Amended) A carpet roll as recited in claim 18 wherein said fused adhesive comprises a formulation comprising:

| | |
|---------------|--------------|
| PVC Copolymer | 100 parts |
| Plasticizer | 50-100 parts |
| Filler | 0-200 parts |

a sufficient amount of silicone surfactant to provide a formulation density below 50 pounds per cubic foot, and

a sufficient amount of fumed silica to provide a formulation pre-fusing Brookfield viscosity of about 30,000 – 60,000 centipoise at a spindle speed of 2 rpm.

20. (Currently Amended) A carpet roll as recited in claim 17 wherein said preformed open mesh fiber reinforced foam layer with foam nodules is held in

substantially intimate contact with the relatively smooth back face by a formulation of said back face comprising:

PVC resin with a K value of 62-75 100 parts

Plasticizer 60-100 parts

Filler 0-250 parts,

and substantially devoid of blowing agent.

21. (Cancelled)

22. (Cancelled)